TSOLOV, R.

Gertain factors in malarial anemia. Isv. med. inst., Sofia 1 no. (CIML 24:2)

1. Prof. Doctor. 2. Propedentic Internal Clinto (Director - Prof. Dr. Iv. Yonkov) of Vulkov Cnervenkov Medical Academy, Sofia.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

IONKOV, I.; TSOLOV, R.; STANCHEV, A.; DOSKOV, I.; SHISHMANOVA, IU.; BALCHEV, A.; PENEVA, M.; SUKIASIAN, Kh.; MATEV, M.; NIKOLOV, St.; ATANASOV, B.; TODOROV, B.; STEFAROVA, A.

Clinical, pathophysiologic, and therapeutic aspects of tuberculous exudative pleurisy. Nauch. tr. Med. akad. Chervenkov, Sofia 1 no.1: 117-137 1953.

 Predstavena ot prof. Iv. Ionkov, zavezhdashch Katedrata po propedevtika na vutreshnite bolesti. (TUBERCULOSIS, PULMONARY, complications, pleurisy, exudative)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, R., prof.

整理:1994年新研护的·智慧如此编辑研究时间是对称

Remote results of Pavlov's sleep therapy in gastric and duodenal ulcers. Nauch. tr. Med. akad. Chervenkov, Sofia 1 no.1:139-148 1953.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, R., prof.

Treatment of exudative pleurisy. Nauch. tr. Med. akad. Chervenkov, Sofia 1 no.1:191-202 1953.

TSOLOV, R., prof.

Role of dental focal infection in the etiology of nephritis.

Stomatologiia no.1:10-14 '54. (FRAL 3:7)

(FOCAL INFECTION,

\*dent., causing nephritis)

(NEPHRITIS, etiology and pathogenesis,

\*focal infect., dent.)

THE PROPERTY OF THE PROPERTY O

TSOLOV, R.; TODOROV, B.

Role of focal infection of dental origin in the etiology of internal diseases. Stomatologiia, Sofia no.5\$265-268 1954.

1. Iz Katedrata po propedevtika navytreshnite bolesti pri Meditsinskata akademia Vulko Chervenkov, Sofiia.

(YOCAL INFORMON, dent., in etiol. of various internal dis.)

(TREPH, diseases, focal infect. in etiol. of various internal dis.)

BULGARIA/Human and Animal Hysiology (Normal and Pathological). T-7 Pancreas.

: Ref Zhur - Biol., No 16, 1958, 75036 Abs Jour

Tsolov, R., Stefanova, Ant. Author

Inst

Treatment of Diabetes with a New Enteral Antidiabetic. Title

Agent - Rastinon.

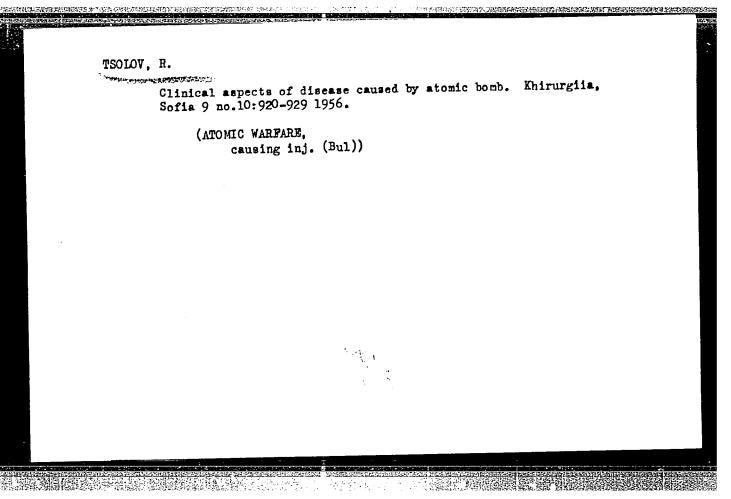
: Nauchni tr. Vissh. med. in-t Sofiya, Klinich. katedri, Orig Pub

1956 (1957), 4, No 1, 93-112.

: No abstract. Abstract

Card 1/1

CIA-RDP86-00513R001757130002-5" APPROVED FOR RELEASE: 03/14/2001



IONIOV, I.; TSOLOV, R.; MATEV, M.

Cholecystitis at the Internal Propedeutic Clinic in Sofia. Suvrem. med., Sofia 8 no.6:65-66 1957.

1. Iz Propedevtichnata vutreshna klinika pri VMI; Sofiia. (CHOLECYSTITIS, statistics, hosp. statist. (Bul))

**APPROVED FOR RELEASE: 03/14/2001** CIA-RDP86-00513R001757130002-5"

IONKOV, I.; TSOLOV, R.; MATEV, M.

Cholelithiasis at the Internal Propedentic Clinic in Sofia. Suvrem. med., Sofia 8 no.6:67-69 1957.

1. Iz Propedevtichnata vutreshna klinika na VMI; Sofiia (Direktor: prof. I. Ionkov).

(CHOLELITHIASIS, statistics, hosp. statist. (Bul))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, R.; MATEV, M.; PENEVA, M.

Result of investigation of gastric and duodenal ulcer in Bulgaria. Suvrem. med., Sofia 8 no.6:70-71 1957.

1. Iz Propedevtichnata vutreshna klinika pri VMI; Sofiia (Direktor: prof. I. Ionkov).

(PEPTIC UICER, statistics, in Bulgaria (Bul))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, R.; MATEV, M.; PHNEVA, M.

Certain data on cholelithiasis in Bulgaria. Suvrem. med., Sofia 8 no.6:71-72 1957.

 Iz Propedevtichnata vutreshna klinika pri VMI; Sofiia. (CHOIELITHIASIS, statistics, in Bulgaria (Bul))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, R.; MATEV, M.; PENEVA, M.

Certain data on cholecystitis in Bulgaria. Suvrem. med., Sofia 8 no.6: 72-73 1957.

1. Iz Propedevtichnata vutreshna klinika pri VMI; Sofiia. (CHOLECYSTITIS, statistics, in Bulgaria (Bul))

COLOR OF HERENIEROS NOS TRANSPORTARIOS PROCESOS DE COLOR DE COLOR

IONKOV, Iv.; TSOLOV, R.; DOSKOV, I.; SHISHMANOVA, IU1.; ANDREEV, I.;
NIKOLOV, St.; SUKIASIAN, Kh.; MATEV, M.; ATANASOV, E.;
TODOROV, B.; STEFANOVA, A.; PETRUNOV, St.; TSVETKOV, D.;
ORESHKOV, V.; SIMEONOV, S.; PATARINSKI, D.; AVRAMOVA, N.;
MAICHEV, Kh.

Biochemical changes in patients with influenza during the 1959 epidemic, Nauch, tr. vissh, med. inst. Sofia 41 no.7: 9-14 62.

1. Predstavena ot prof. I. Ionkov.
(INFLUENZA) (GAMMA GLOBULIN) (IRON METABOLISM)
(BILIRUBIN) (BICARBONATES) (BLOOD CHOLESTEROL)
(UREA) (BLOOD SUGAR) (PROTEIN METABOLISM)
(POTASSIUM) (BLOOD PROTEINS) (SODIUM)
(17-KETOSTEROIDS) (SODIUM CHLORIDE)

İ

Accomplishmenst in the field of public health during the 20 years of people's rule in Bulgaria. Nauch zhivot 7 no.3: 7-9 Jl-5'64.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, Radol, prof. d-r

Balkan Medical Weeks, scientific congresses of international importance. Nauch zhivot 7 no.3:18-19 J1-S '64.

1. Vice-Chairman, Bulgarian Section of the Balkan Medical Union.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

## TSOLOV, R.

On the clinical characteristics of "Vratza nephritis". Nauch. tr.vissh.med. inst. Sofiia 42 no.6:1-14 '63

1. Predstavena ot prof. dr. Iv. Ionkov, rukovoditel na Katedrata po propedevtika na vutreshnite bolesti.

\*

TSOLOV, Radol, prof. d-r.

People's University of Medicine. Nauch zhivot 6 no.2:16 Ap-Je'63.

1. Zam.-predsedatel na Sektsiia meditsina i stomatologiia pro SNR, chlen na Redkolegiia, "Nauchen zhivot".

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, R.; MATEV, M.

Use of some antibiotics in the treatment of bronchiectasis and pulmonary abscesses. Suvr. med. 14 no.5:27-29 163.

(ANTIBIOTICS) (LUNG ABSCESS) (BRONCHIECTASIS)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

# TSOLOV, R.

Experimental studies on the toxic effects of nivaline. Nauch. tr. vissh. med. inst. Sofia 41 no.7:49-58 '62.

1. Predstavena ot prof. P. Nikolov. (GALANTHAMINE)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

## TSOLOV, R.

Experimental studies on the effect of Breznik mineral water in natural, diluted and vitamin C-supplemented form on erythropoiesis. Nauch. ir. vissh. med. inst. Sofia 41 no.7: 59-68 162.

1. Predstavena ot prof. P. Nikolov.
(MINERAL WATERS) (ASCORBIC ACID)
(ERYTHROPOLESIS)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, Radol, prof. d-r

Prof. Vasil Mollov; obituary. Nauch zhivot 7 no. 1:18-19 Ja-Mr '64.

1. Member of the Board of Editors, "Nauchen zhivot".

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

BULGARIA

R. TSOLOV and M. MATEV, Department of Propedeutics in Internal Medicine of Medical College (Katedra po propedevtika na vutreshnite bolesti pri VMI) Head (rukovoditel na katedrata) Prof Iv. IONKOV, Sofia.

"Use of Some Antibiotics in Bronchiectasis and Pulmonary Abscess."

Sofia, Suvremenna Meditsina, Vol 14, No 5, 1963; pp 27-29.

Abstract: Data on 327 patients with bronchiectasis and 22 with pulmonary abscesses, 1950-1961; treatment with penicillin and streptomycin; 12 of the bronchiectatic patients succumbed. Eleven had urticarial side effects; 269 were discharged well and 52 improved.

11/1

TSOLOV, Radol, prof.

Endemic nephropathy, a social calamity in the Vratsa District. Nauch zhivot 6 no.4:8-10 0-D '63.

1. Chlen na Redkolegiia, "Nauchen zhivot".

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, T.

The budget for 1955 and development of our industry. p.1. (Vol. 4, No. 2, 1955.) (TEZHKA PROMISHLENOST.)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, Tano

The Miner's Day and the Fulfillment of the Resolution of the Sixth Ferty
Congress by Our Mining Industry, Mine Prospectors, and Mine Construction
Organizations. Minno Delo (Mining), #5:1: Sept-Oct 55

TSOLOV, T.

Tasks of heavy industry during 1957.

P. 1, (Tezhka Promishlenost) Vol. 6, no. 1, Jan. 1957, Sofia, Bulgaria

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, T.

Address by the Minister of Heavy Industry delivered in Varna in commemoration of 50th anniversary of Bulgarian shipbuilding. Development of nonferrous metallurgy in Bulgaria

pages 1-3 (TEZHKA PROMISHLENOSI) Vol. 6, no. 6, June 1957, Sofiia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3, March 1958

TSOLOV, T.

"Tasks of heavy industry for 1957."
p.1 (Minno Delo, Vol. 12, no.1, Jan./Feb. 1957, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

TSOLOV, T.

"Miner's Day, and achievements of our mining industry during the Second Five-Year Plan."

p. 1 (Minno Delo, Vol. 12, no. h, 1957, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9, September 1958

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, T.

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"Basic tasks of heavy industry during 1958."
p.l (Tezhka Promishlenost, Vol. 7, no. 1, Jan. 1958, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EFAI) LC, Vol. 7, No. 8, August 1958

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, T.

For further successes in the development of the machinery industry and the chemical industry. p. 4
Teknika Vol. 7, No. 4, Apr. 1956. Sofiia, bulgaria.

Monthly Index of East European Accessions (EFAI) LC, Vol. 7, No. 10, Oct. 58

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, T.
"Basic tasks of heavy industry during 1958."

p. 1 (Minno Delo, Vol. 13, no. 1, 1958, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EEAI) iC, Vol. 7, no. 9,

September 1958

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOLOV, T.

"Some basic tasks in relation to development of the Bulgarian mining industry and metallurgy."

p. 1 (Minno Delo, Vol. 13, no. 2, 1758, Safiia, Bulgaria)

Monthly Index of East European Accessions (MEAI) LC, Vol. 7, no. 9, September 1958

TO THE STREET PROPERTY HE STANDARD THE SELECTION OF THE SERVE STREET, SECTION OF THE SERVE 
TSOLOV, T.

TECHNOLOGY

Periodical: MINNO DELO. Vol. 13, no. 4, July/Aug. 1958.

TSOLCY, T. Directives of the 7th Congress of the Bulgarian Communist Party and the tasks of the mining industry, its geologic research work, and metallurgy during the third Five-Year Plan. p. 1.

Monthly List of East European Accession (EEAI), LC., Vol. 8, no. 2 February 1959, Unclass.

TSOLOV, T.

"The economic jump and the further development of electric-power production."

ELEKTROENERGIIA, Sofiia, Bulgaria, Vol. 10, no. 4, Apr. 1959.

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

TSOLOV, T.

"The economic jump in the development of Bulgaria and its geologic research work."

MINNO DELO, Sofiia, Bulgaria, Vol. 14, no. 2, Mar./Apr. 1959.

Sept.

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59,
Unclas

TSOLOV, Tano

**建建筑器等**扩展。2015年1月10岁至14岁20日

Main tasks and ways for the fulfilment and overfulfilment of the Plan for 1962. Min delo 17 no.1:1-7 Ja '62.

1. Sekretar na Tsentralniia komitet na Bulgarskata komunisticheska partiia,

VIKTOROV, Iv.; PATRASHKOV, T.; TSOLOV, Ts.

Thromboembolic complications in urology. Khirurgija (Sofija) 18 no.3:334-341 165.

1. Vissh veterinarno-meditsinski institut, Katadra po voennopoleva khirurgiia (nachalnik: prof. G. Krustinov).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

VIKTOROV, I., dotsent; PATRASHKOV, T.; TSOLOV, TS.; NAKOV, E.

Cytodiagnosis in tumors of the bladder. Urologiia no.6: (MIRA 17:9)

l. Iz urologicheskoy kliniki pri kafedre voyenno-polevoy khirurgii (nachal'nik - prof. G. Krystanov) Vysshego voyennomeditsinskogo instituta v Sofii, Bolgariya.

ANDREEV, T., dots., AUSKOVA, S.; LAMBREV, St., dots.; TSOLOV, TS.

Function tests, indications and results of treatment of prostatic adenoma. Khirurgiia 17 no.2:239-240 '64.

VIKTOROV, Iv.; MIRCHEV, M.; TSOLOV, TS.; PATRASHKOV, T.

Combined wounds of the abdomen, pelvis and extremities. Khirurgiia 15 no.9/10:875-878 162.

1. Iz Visshiia voennomeditsinski institut.

(ABDOMINAL INJURIES) (PELVIS)

'(LEG INJURIES)

ATANASOV, N.; KARAPANDOV, M.; TSOLOV, TS.

Tuberculosis of the bladder. Khirurgiia 15 no.11:1014-1017 '62.

(TUBERCULOSIS UROGENITAL)

THELEZAROV, A.; TSOLOV, V.

The cactus. Prir i znanie 13 no.6:2-3 Je '60. (EEAI 10:1)

(Cactus)

TSOLOV, V.: ZHELEZAROV, A.

Cuscuta. Prir i znanie 14 no.2:7-9 '61. (REAI 10:7)
(Cuscuta)

TSOLOV, V

TECHNOLOGY

Periodical: RATSIONALIZATSIIA. Vol. 8, no. 6, June 1958.

TSOLOV, V. Studying cranes constructed in Bulgaria for purpose of their standardization. p. 31.

Monthly List of East European Accession (EFAI), IC., Vol. 8, no. 2, February 1959, Unclass.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TENEV, St.; GATSINSKI, P.; TSOLOVA, L.

On the problem of so-called "dumping syndrome". Khirurgiia (Sofia) 14 no.11:1015-1023 161.

1. Vissh meditsinski institut, Sofiia katedra po bolnichna khirurgiia Zav. katedrata: prof. St. Dimitrov.

(GASTRECTOMY compl)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TJOL'VEG, N. K., Docent

Coal Mines and mining.

Selecting the length of stopes in deep mines by taking the factor of ventilation into account. Ugol' 27 no. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1953/2Uncl.

# TSOL'VEG, N.K., dotsent

The second s The second secon

Practice in the Saar mines on degasification of accessory minerals in coal mines (From: "Revue de l'Industrie Minerale," no.600, 1953) Ugol' 30 no.9:46-47 S'55. (MIRA 8:12)

1. Donetskiy industrial'nyy institut (Saar--Mine gases)

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THE RESERVE THE PROPERTY OF TH

TSOL'VEG, N.K., kandidat tekhnicheskikh nauk.

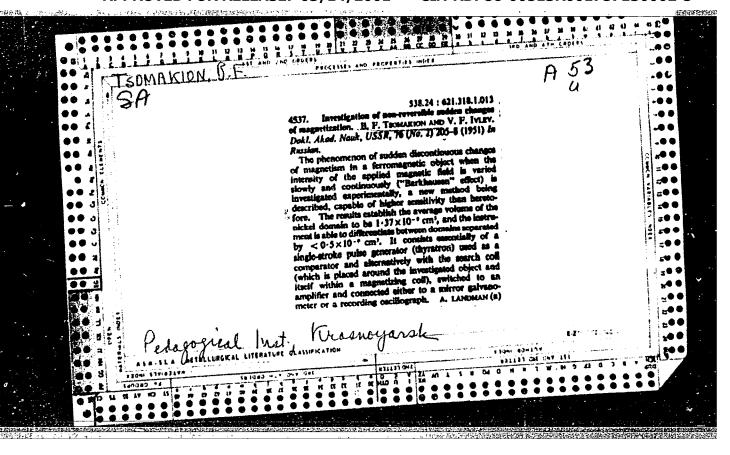
Strengthen the connections of institutions of higher education with industry. Bezop.truda v prom. 1 no.7:7-8 J1 '57. (MIRA 10:7)

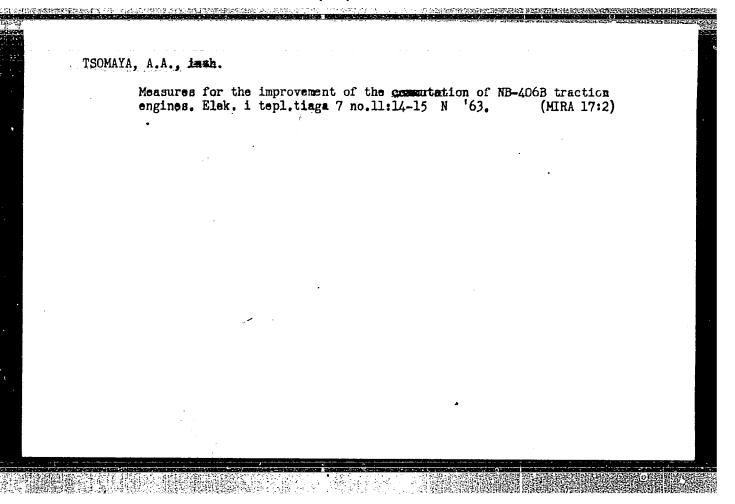
1. Donetskiy industrial'nyy institut im. N.S. Khrushcheva. (Accidents--Prevention--Study and teaching)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

### "APPROVED FOR RELEASE: 03/14/2001

### CIA-RDP86-00513R001757130002-5





Fpisodical and stationary glaciological observations. Trudy Toil.

NIGHT no.3:109-117 '58. (MIRA I':10)

1. Thilisskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut. (Caucasus--Glaciers)

SEMENSKAYA, Ye.M.; ABAKELIYA, TS. I.; LARIONOVA, N.G.; TSOMAYA, I.S.

Effect of some vitamins on the development and course of experimental leucosis in mice. Soob. AN Gruz. SSR 33 no. 2: 461-468 F 164. (MIRA 17:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TSOMAYA, I. V.

Tsomaya, I. V. - "Mass treatment of sheep with certain chemical preparations as a prophylactic treatment against haeosporidia," Trudy Gruz. nauch.-issled. vet. opyt. stantsii, Vol. X, 1948, pl 126-32, (Resume in Georgian)

SO: U-1:934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

: Zoo, arasitology - Parsitic Protozoa Abs. Jour : Ref Emur - Siol., ho.19, 1958, 86275 : Matikashvili, m.V.; Tsomaya, 1.V. : Georgian Scientific Research Veterinary Institute Author Institut. Title : Variability of Hemosporidia in Selenectomized Animals Orig Pub. : Tr. Gruz. K.-I. Vet. In-ta, 1955, Vol. II, 197-200 Abstract : no abstract Card: 1/1 

TSOMAYA, I.V., kand.veter. nauk

Active immunization of sheep in babesiasis. Veterinariia 37 no.3:31
Mr '60. (MIRA 16:6)

1. Gruzinskiy nauchno-issledovatel'skiy institut zhivotnovodstva. (Piroplasmosis, Ovine)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"

TAVADZE, F.N.; BAYRAMASHVILI, I.A.; TSAGAREYSHVILI, G.V.; TSOMAYA, K.P.; ZOIDZE, N.A.

Structure of crystalline boron grown from the melt. Kristallografiia 9 no.6:918-920 N-D \*64. (MIRA 18:2)

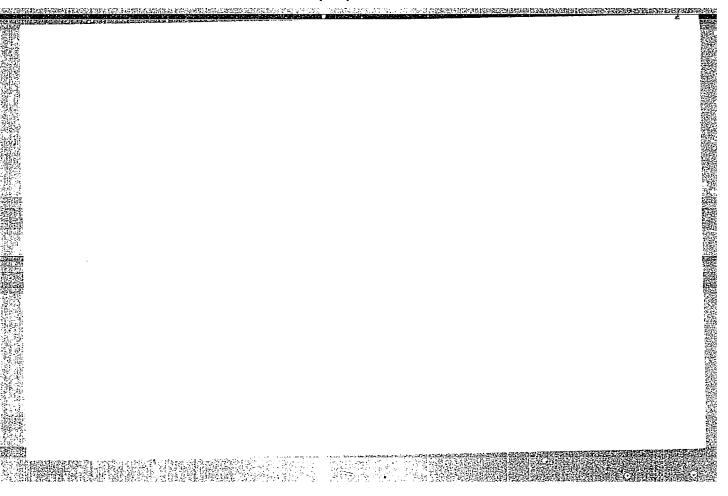
1. Gruzinskiy institut metallurgii.

TSOMAYA, K.P.; SHVANGIRADZE, R.R.

Phenomena observed under the effect of mechanical dispersion of crystalline boron. Fiz. met. i metalloved. 10 no.5:791-792 N '60. (MIRA: 14:1) (Powder metallurgy)

(X rays -- Scattering)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130002-5"



TSOMAYA, K.P.

的推翻翻翻了人

137-1958-2-2762

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 79 (USSR)

AUTHORS: Mitrenin, B.P., Troshin, N.Ye., Tsomaya, K.P., Vlasenko, V.A.,

Gubanov, Yu.D.

TITLE: Exploring the Possibility of Obtaining Homogeneous Germanium-

Silicon Alloys Through a System of "Zonal Fusion" (Issledovaniye

vozmozhnosti polucheniya gomogennykh splavov germaniya s

kremniyem s pomoshch' yu zonnoy plavki)

PERIODICAL: V sb.: Vopr. metallurgii i fiz. poluprovodnikov. Moscow, AN SSSR, 1957, pp 59-69

ABSTRACT: A study was made of the feasibility of and the conditions under

which homogeneous Ge-Si alloys could be obtained from ceramet billets of uniform composition (containing 5:25 atom-percent Si) through a system of "zonal fusion". The zonal fusion was accomplished in an apparatus consisting of a tube (15 mm in diameter) made from transparent quartz; the tube was connected through a pressure retaining lock to a vacuum (10<sup>-4</sup> - 10<sup>-5</sup> mm Hg). A graphite or quartz boat containing a specimen was placed in the

tube. Traveling along the tube at a speed of 5-15 mm/hr was a

Card 1/2 Silit resistor. The length of the fusion zone was 15-20 mm.

137-1958-2-2762

Exploring the Possibility of Obtaining Homogeneous Germanium-Silicon (cont.)

Under a pressure of 3.5 tons/cm<sup>2</sup> the specimens were pressed from well mixed Ge and Si powders into the shape of rods having a cross-sectional area of 9x9 mm<sup>2</sup> and a length of 95 mm; then they were sintered at 800°. Used in the experiments were a Ge with a resistivity of N l ohm/cm and an industrial Si that had been washed in acids. X-ray and microscopic studies of the resulting ingots revealed that, at a speed of travel of the band < 5-7 mm/hr, this system of band heating turned out a homogeneous Ge-in-Si solid solution (containing from 2.25 to 40 atom-percent in the form of polycrystalline ingots. To obtain a specimen of significant length of the uniformly constituted solid solution and to build up the grains of the alloy to 4-6 mm, the fusion zone had to be moved back and forth over the specimen several times at a speed of 5-7 mm/hr.

Yu.Sh.

1. Germanium alloys-Formation 2. Ceramics—Applications 3. Alloys—Fusion 4. Ingots—Test methods 5. Ingots—Test results

Card 2/2

### 85972

14.7200

1144,1043,1160

s/126/60/010/005/026/030

E073/E535

**AUTHORS:** 

Tsomaya, K. P. Shvangiradze, R. R.

TITLE:

On Phenomena Observed During Mechanical Dispersion of

Crystalline Boron

PERIODICAL: Fizika metallov i metallovedeniye, 1960, Vol.10, No.5,

pp.791-792

The phenomenon described in this paper consists in the cessation of the X-ray scattering, which is characteristic to the crystalline state of boron in the disperse state. The specimens were obtained in the form of cylindrical rods up to 8 mm diameter by thermal decomposition of BBr, on hot tantalum or tungsten wires (the work for obtaining the elementary boron was carried out by V. I. Khachishvili and Ya. V. Asatiani). Depending on the experimental conditions, polycrystalline boron of various modifications was obtained. The X-ray diffraction patterns, obtained by the powder method directly from large diameter rods, contained blurred interference lines which were not very suitable for precision measurements. For obtaining good quality pictures, the rods were transformed into powder by hitting with an impact load. A part of the thus obtained powder was crushed into finer powder. Card 1/4

s/126/60/010/005/026/030 E073/E535

On Phenomena Observed During Mechanical Dispersion of Crystalline

diffraction patterns of the powder prepared by impact crushing Boron differed from those of large diameter rods only by the sharpness of the interference lines. On the X-ray diffraction patterns of the powder, which had been further crushed in a mortar (10 to 20 min), there was a complete absence of lines characterizing the crystalline state of boron but there were some lines characterizing the material of the mortar and an interference halo, which is usually characteristic for amorphous substances. Microphoto recordings of Debye patterns of two differing modifications of boron prior to crushing in a mortar (a,b) and after crushing in a ferrochromium mortar (B,2) are reproduced; in the latter case interference lines of the mortar material appear on the X-ray diffraction patterns. To exclude errors caused by contamination of boron with the material of the mortar and the influence of oxidation of the powder during dispersion, treatment with hydrochloric acid was applied and chemical and spectrum analyses were made to determine the contents of metallic admixtures. The chemical analysis revealed the presence of free boron; the results of spectrum analysis are given in a table Card 2/4

859**72** S/126/60/010/005/026/030 E073/E535

On Phenomena Observed During Mechanical Dispersion of Crystalline

(these were obtained by T. A. Mozgova, N. A. Makharashvili and After chemical purification only a diffusion Boron halo was observed on the powder diffraction patterns. Electron N. G. Tskiriya). diffraction investigation of the powder (carried out by B. V. Aleksandriya) also showed absence of any diffraction pattern that is characteristic for the crystalline state. Apparently this observed effect is not caused simply by an increase in the degree of dispersion of the preparations; a decrease in the crystalline dimensions during mechanical dispersion down to values which are unsuitable for electron diffraction investigations is not considered possible. The authors believe that the observed effect is a summary effect of the increased dispersion and the deep distortion and breaking up of the lattice of particles which are still sufficiently large for X-ray structural study of the dimensions. It is likely that this phenomenon is related to the disorder effect of the crystal lattice of graphite in the sense of approaching the structure of amorphous modifications of carbon (Ref.1). However, in the case of graphite, ba considerable effect Card 3/4

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On Phenomena Observed During Mechanical Dispersion of Crystalline

is obtained during long duration crushing in absence of air, the adsorbed components of which change appreciably the character of breaking up of graphite crystals and prevent achieving small particle dimensions (Refs.2 and 3). In the case of boron, a considerable breaking up of the crystalline structure is obtained considerable breaking up of the crystalline structure is obtained within a very short time (10 to 20 sec) of mechanical crushing in mechanical action is obviously associated with the nature of the mechanical action is obviously associated with the nature of the substance. This effect observed for boron was not observed under substance. This effect observed for boron was not observed under substance, single and polycrystalline substances, as equal conditions on other single and polycrystalline substances, as entire instance, Si, germanium, boron carbide etc. Insufficient experifor instance, Si, germanium, boron carbide etc. Insufficient experimental material is available at present to explain fully this effect. Macknowledgments are made to I. G. Gverdtsiteli for his interest and Acknowledgments are made to I. G. Gverdtsiteli for his interest and advice and to K. I. Yelistratova for her participation in the work. There are 1 figure, 1 table and 3 references: 2 Soviet and 1 English.

SUBMITTED: April 12, 1960

Card 4/4

TSOMAYA, Ketevena Vasil'yevna (Sci Res Inst of Psychiatry im Asatiani Min of Health Georgian SSR) for Doc Med Scion the basis of dissertation defended 1 July 58 in Council of Tbilisi State Med Inst, entitled "Clinical experimental data in the study of poisoning with tricresylphosphate." (BMViSSO USSR, 1-61, 21)

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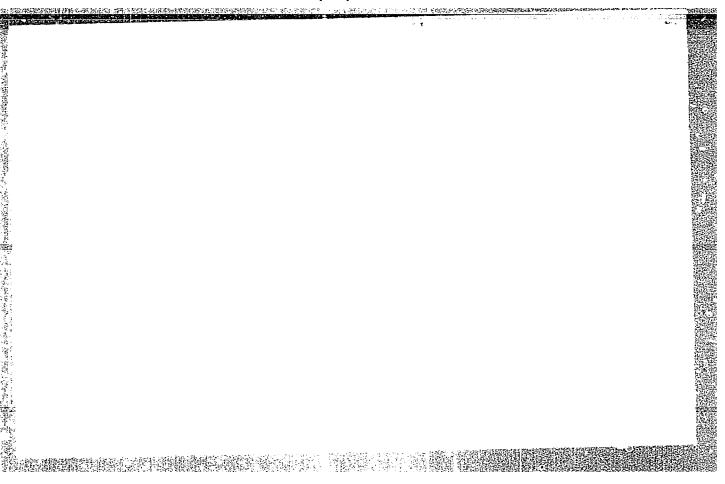
TSOMAYA, K. V.

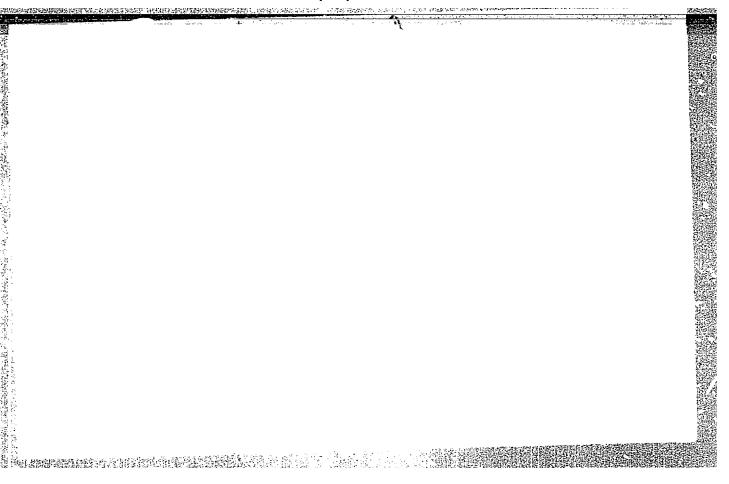
TEOMAYA, K. V. "Firearm wounds to the peripheral nerves of the extresities", In the collection: Pyatnadtset' let nauch.-prakt. deyatel'nosti Kliniki i O td-niya neronyki bolezney (Tbilis. gos. med. in-t. I Gor. b-tsa), Tbilisi, 1948, p. 85-92.

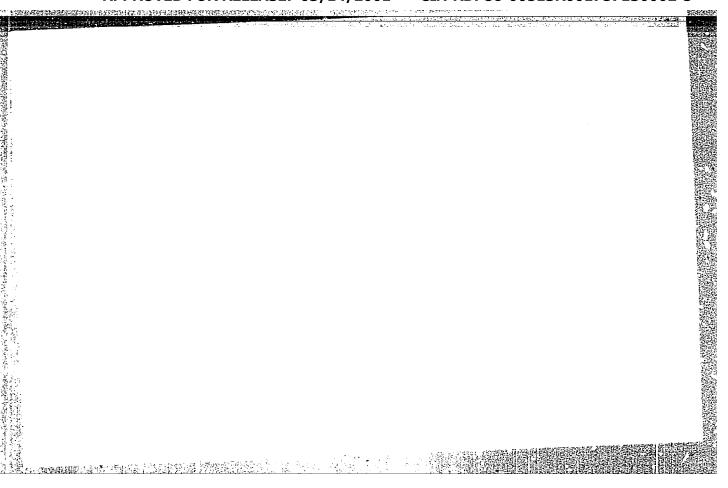
80: U-4631, 16 Sept 53, (Letopis 'Zhurnal 'nykt Statey, No. 24, 1949).

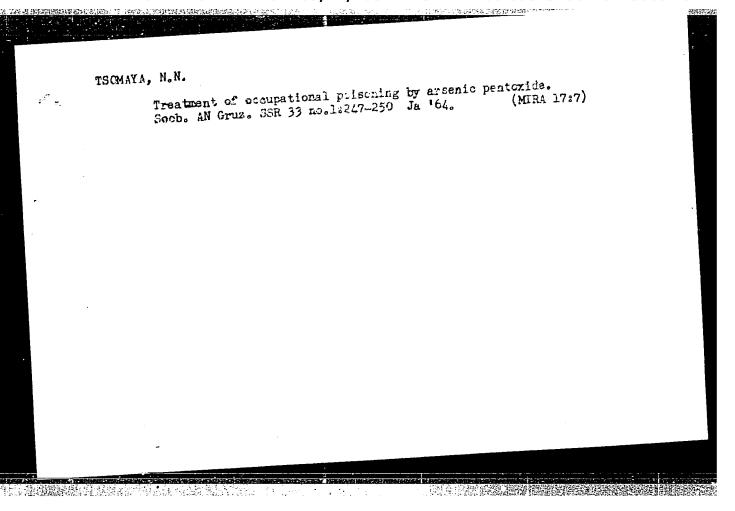
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TSOMAYA, N.N.

Professional diseases in the arsenous acid anhydride industry.
Soob. AN Gruz. SSR 38 no.2:487-489 My '65. (MIRA 18:9)

1. TSanskaya bol'nitsa, Lentekhi. Submitted September 23, 1964.

TSOMAYA, O.Sh., Cond Poch Sci--(dire) "Study of the rest till constitute of potential of the constitute of the constitut

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	Determination of the power characteristics of the KKR-2 potato harvester. Soob.AN Gruz.SSR 21 no.5:549-554 N 158.  (MIRA 12:5)	
•	1. Akademiya sel'skokhozyaystvennykh nauk GruzSSR, Institut zemledeliya, Tbilisi. Predstavleno chlenom-korrespondentom Akademii G.I.Shkhvatsabaya.  (Potatoes) (Harvesting machines)	
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TSOMAYA, O.Sh.

Results of testing the KKP-2 potato harvesting combine. Soob.AN Gruz.SSR 19 no.1:55-62 J1 '57. (MIRA 10:12)

1. Nauchno-issledovatel 'skiy institut zemledeliya Ministeriyya sel'skogo khosyaystva GruzSSR, Gardabani. Predstavleno chlenom-korrespondentom Akademii G.Ta.Shkhvatsabaya.

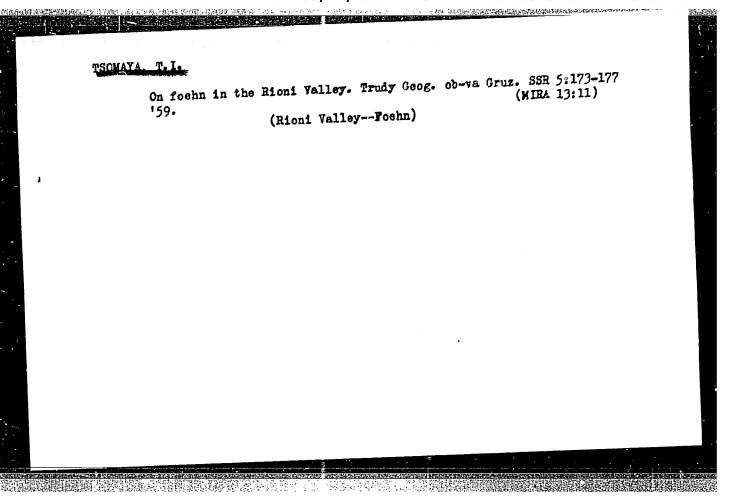
(Potato digger)

TSOMAYA, S.V.; VOL'SKIY, V.F.

[Novyi Afon. Tbilisi, Sabchota Sakartvelo, 1958. 59 p.
(MIRA 14:11)

(AKHALI-AFCNI-HEALTH RESORTS, WATERING PLACES, ETC.)

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FEDOROV, Ye.Ye., professor; PREDTECHENSKIY, P.P.: BUCHINSKIT, I.Ye.; ALISOV, B.P.; BIRYUKOV, SEYANINOV, G.T., professor; BOSHWO, L.V.; ALISOV, B.P.; BIRYUKOV, N.N.; GAL'TSOV, A.P.; GRIGOR'TEV, A.A., akademik; EYGENSON, M.S., Professor: MURETOV, N.S.; KHROMOV, S.P.; BOGDANOV, P.N.; LEHEDEY, A.N.: SOKOLOV, V.N.; YANISHEVSKIY, Yu.D.; SAMOYLENKO, V.S.; USMA-NOV. R.F.: CHUBUKOV, L.A.; FROTSENKO, S.Ya.; VANGENGEYM, G.Ya.; SOKOLOV, I.F.; STYRO, B.I.; TEMNIKOVA, N.S.; ISAYEV, E.A.; DMITRIYEV, A.A.; MALYUGIN, Te.A.; LIEDEMAA, Ye.K.; SAPOZHNIKOVA, S.A.; RAKIPO-VA, L.R.; POKROVSKAYA, T.V.; BAGDASARYAN, A.B., ORLOVA, V.V.; RU-BINSHTEYN, Ye.S., Professor; MILEVSKIY, V.Yu.; SHCHER BAKOVA, Ye.Ya.; BOCHKOV, A.P.; ANAPOL'SKAYA, L.Ye.; DUNAYEVA, A.V.; UTESHEV, A.S.;
RUDNEVA, A.V.; RUDENKO, A.I.; ZOLOTAREY, M.A.; NERSESYAN, A.G.; MIKHAYIOV, A.N.; GAVRILOV, V.A.; TSOMAYA, T.I.; DEVYATKOVA, A.M.; ZAVARINA, M.V.; SHMETER, S.M.; BUDIKU, M.T., Professor. - See Cand

Discussion of the report (in the form of debates) [of the current state climatelogical research and methods of developing it]. Inform. sbor.GUGMS no.3/4:26-154 154.

1. Chlen-kerresponder Akademii nauk SSSR (for Fedorev). 2. Glavnayz geofizicheskaya observatoriya im. A.I. Voeykova (for Predtechenskiy. Lebedev, Yanishevskiy, Isayev, Rakipova, Pokrovskaya, Orlova, Rubirshteyn, Budyko, Shcherbakuva, Anapoliskaya, Dunayeva, Rudneva, Gavrilov, Zavarina). 3. Ukrainskiy nauchno-isaledovateliskiy gidrometeorologiche-(Continued on next card) skly institut (for Buchinskiy).

FEDOROV, Ye.Ye., professor: PREDTECHENSKIY, P.P., and others.

Discussion of the repert (in the form of detates) [of the current state climatological research and methods of developing it]. Inform. sbor. GUGMS no.3/4:26-154:54. (Card 2) (MIRA 8:3)

4. Vsesoyuznyy institut rastenievodstva (for Selyaninov, Rudenko). 5. Bioklimaticheskaya stantsiya Kislevedsk (for Boshno). 6. Moskows skiy gosudarstvennyy universitet im. M.V. Lomonosova (for Alisov). 7. Ministerstvo putey socbsheneniya SSSR (for Biryukov). 8. Instltut geografii Akademii nauk SSSR (for Gal'tsov, Grigor'yev). 9. Geofizicheskaya kemissiya Vsesoyuznogo geograficheskogo obshchestva (fer Eygenson). 10. Ministerstvo elektrostantsiy i elektropromyshlennosti SSSR (for Muretor). 11. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova (for Khromov). 12. TSentral'nyy nauchno-iseledovatel'skiy gidrometeorologicheskiy arkhiv (for Sokolov, Zolotarev). 13. Gosudarstvennyy okeanograficheskiy institut (for Samoylenko). 14. TSentral'nyy institut prognozov (for Usmanov, Sapozhnikova). 15. Institut geografii Akademii nauk SSSR i TSentral'nyy institut kurortologii (for Chubukov). 16. Nauchno-iseledovavel skiy institut imeni Sechenova, Yalta (for Trotsenka). 17. Arkticheskiy nauchno-issledorateliskiy institut (for Vangengaym).

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FEDOROV, Ye.Ye., professor; PREDTECHENSKIY, P.P., and others.

Discussion of the report (in the form of debates) [of the current state of climatological research and methods of developing it]. Inform.sbor. GUGMS no.3/4:26-154 \*54. (Card 3) (MIRA 8:3)

18. Dal'nevostochnyy nauchno-issledovatel'skiy gidrometeorologicheskiy institut (for Sokolov). 19. Institut geologii i geografii Akademii nauk Litovskoy SSR (for Styre). 20. Rostotskoe upravlenie gidrometsluzhby (for Temnikova). 21. Morakcy gidrofizicheskiy Institut Akademii nauk SSSR (for Dmitriyev). 22. Vsesoyuznyy institut rasteniyevodstva (for Malyugin). 23. Akademiya nauk Estonskoy SSR (for Liedemaa). 24. Akademiya nauk Armyanskoy SSR (for Bagdasaryan). 25. Leningradskiy gidrometeorologicheskiy institut (for Milevskiy). (Continued on next card)

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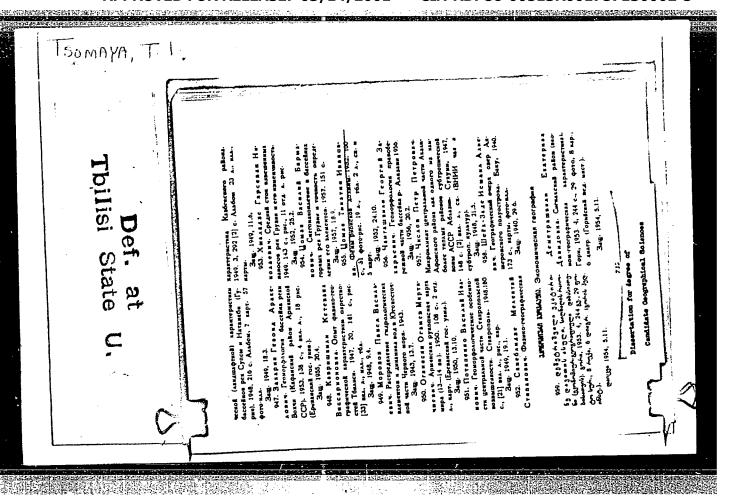
YEDOROV, Yo.Ye., professor; PREDTECHENSKIY, P.P., and others.

Discussion of the report (in the form of debates) [of the current state climatological research and methods of developing it]. Inform.sbor. (MLBA 8:3)

26. Gosudarstvennyy gidrologicheskiy institut (for Bochkov). 27. Kazakhskiy nauchne-issledovatel'skiy gidrometeorologicheskiy institut
(for Uteshev). 28. Upravlenie gidrometsluzhby Armyanskoy SSR (for Norsesyan). 29. Leningradskoye upravleniye gidrometsluzhby (for Mikhaylov,
sesyan). 30. Tbilisskiy gosudarstvennyy universitet (for Tsomaya).

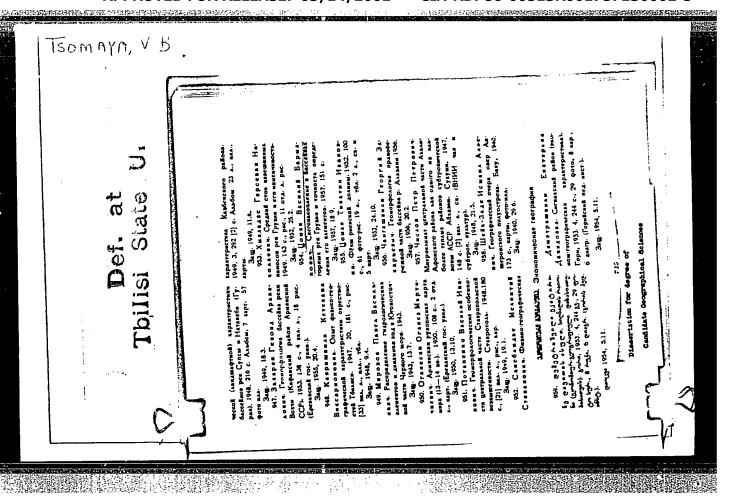
31. TSentral'naya aerologicheskaya observatoriya (for Shmeter).
(Climatology)

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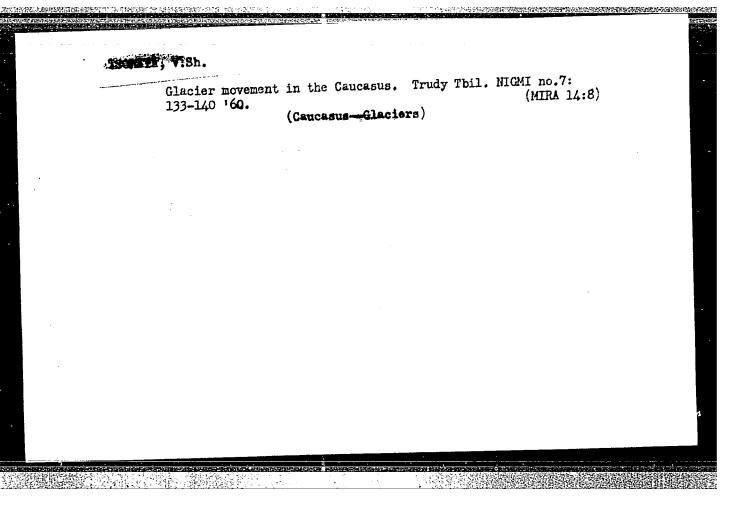
# TSKHOVREBOV, I.N.; TSOMAYA, V.A., red.

**《经验的**理解》,这是一个是一个

[Restoration and development of the national economy of South Ossetia; collected documents and materials, 1921-1929] Vosstanovlenie i razvitie narodnogo khoziaistva IUgo-Osetii; sbornik dokumentov i materialov, 1921-1929 gg. Pod red. V.A.TSomaia. Sost. I.N.TSkhovrebov i dr. Stalinir, Gosizdat IUgo-Osetii, 1960. 560 p. (Istoriia IUgo-Osetii v dokumentakh i materialakh, 1921-1958 gg., no.1) (MIRA 14:8)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Yugo-Osetinskiy nauchnoissledovatel'skiy institut, Stalinir. (Ossetia---Economic conditions)

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TSOMAYA, V.Sh.; KISIN, I.M.

表 **经验证** 

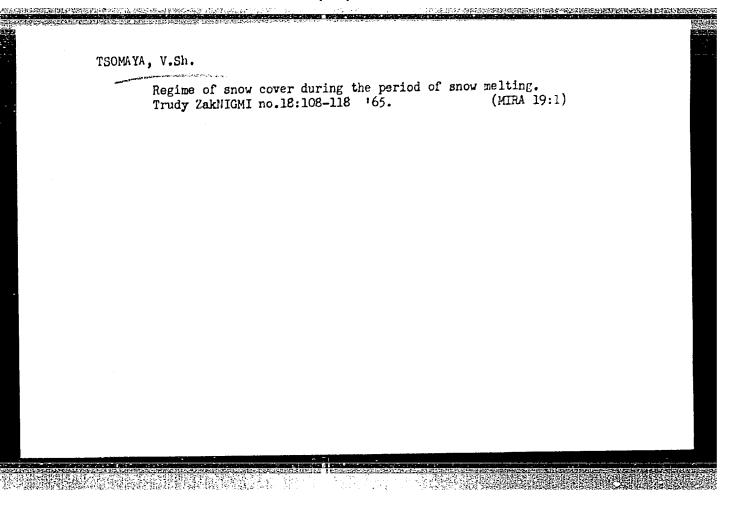
Relationship between glacier ablation and the amount of moraine materials on their surface. Trudy Tbil.NIGMI no.8:63-67 '61. (MIRA 15:3)

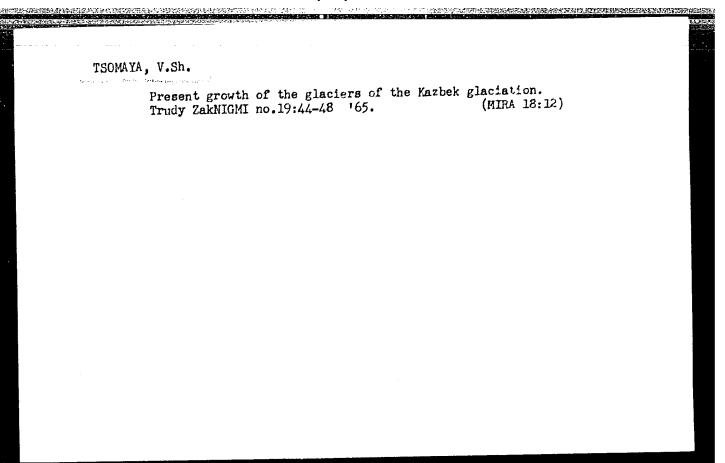
(Caucasus-Glaciers)

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TSOMAYA, V.Sh.

Effect of snow reserves on the dimensions of a spring flood. Trudy TbilNiGMI no.17:99-110 '65. (MIRA 18:11)





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TSOMAYA, V.Sh.

Dependence of the area of glaciers and the coefficient of glaciation irregularity on physicogeographic conditions. Trudy TbilliGAI no.13: 29-34 163.

1. Zakavkazskiy mauchno-issledovatel skiy gidrometeorologicheskiy institut.

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TSOMAYA, V.Sh.; ABDUSHELISHVILI, K.L.

Methodology of forecasting the descent of avalanches of freshly fallen snow depending on meteorological factors. Trudy TbilNIGMI no.13:93-99 163. (MIRA 18:8)

1. Zakavkazskiy nauchne-issledovatel'skiy gidrometeorologicheskiy institut.

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		Some features of the radiation regime of the Gerget glaciers of the Caucasus; based on the example of the Gerget and Yugo-Vostochnyy Glaciers. Trudy TbilNIGMI no.15:129-136	164. (MIRA 18:10)

# TSOMAYA, V.Sh.

Calculating the runoff of glacier-fed rivers of the Caucasus. Trudy Tbil.NIGMI no.9:170-175 '61. (MIRA 15:3)

1. Tbilisskiy nauchno-issledovatel skiy gidrometeorologicheskiy institut.

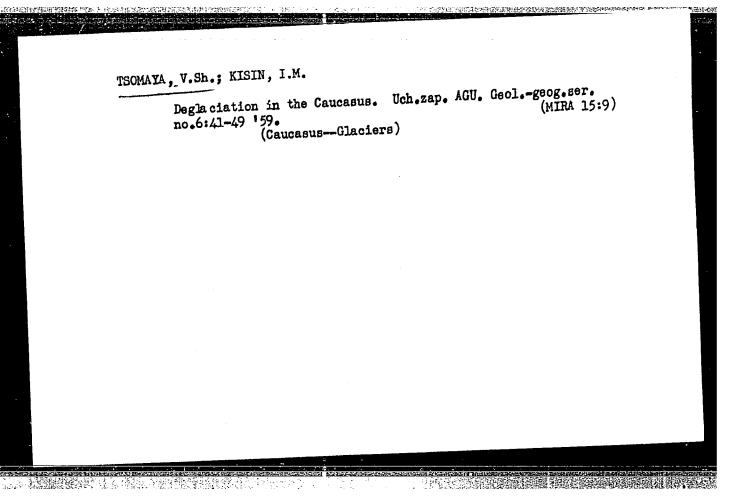
(Caucasus--Runoff)

TSOMAYA, V.Sh.

Characteristic features of the recession of glaciers in the Caucasus.

Trudy Tbil.NIGMI no.9:130-135 '61. (MIRA 15:3)

1. Tbilisskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut. (Caucasus--Glaciers)



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	Examinates, G. M. SQV/50-59-2-24/25	Scientific Meeting at the Tbilisi Scientific Desearch Institu- of Mydrometeorology (Meuchnaya sessiya v Tbilisskom nauchio- issledowstel'stom gidiromsteorologicaskom institute)		In May 1956 the Philisakiy nauchno-issisduratelisky gidto- meteorological patients of patients in the presentatives of plicity presentatives participated in Phich the following representatives participated in Phich the following representatives participated in Phich the the Feetinal May institut prognosov (Central Porsentatives of the feetinal May institut prognosov (Central Porsenting In- skittes, (Interna, positiothoskay observatoritys (Lain Geo- phylometeoriogical sarvices of the Termanemental Populies. On the accession of the faith anniversary of the Thilis MICH observator of the Intitues v. P. Printeds bulk a speech the character of temperature day/Intition and its elemination of the absorbers between the Americal A. (Filly part and T. A. Mapervaride spoke on the transferration of the	divolation processes hove Transcausata, M. A. Tathachtill reported on the typicitation of grapotted processes carried out by than M. I. Busidis read to pepers on theoretical questions of dynamic steorology T. M. Ciginsiahrill and T. P. Deminate solve on the species at the Tight of precipitation on the present state of the Tight of precipitation on the Transcallers space on the great amounts asteorological visibility in cloudburse, T. M. Editingial on the two control of precipitation on the Transcallers of the Transcallers of the Apple of Middle Control of the seconological visibility in the ones of precipitation of the William and Control of the Transcallers of the Apple of Middle on the Manual of the Transcallers of the Apple of Middle on the Middle of the Apple of Middle of the Middle of the Transcallers of the Apple of Middle of Middle of the Middle of th	user upply in fload of 1. Patithors of the volues of rain bydehnetar 251) on the use of relations (Gruss of the Association bydehnetar 251) on the use of relations (Gruss of the Association bydehnetar 251) on the use of relation of the supersentative of the description of the description of the supersentative of the Arryanskys 528 M. Y. Shadings Properted on the fload on the rivers of the main of the water supply for spring of the belt between 1900 and 450 m. A. I. Pageryan (Units of the supersentation of the supersentation of the supersentation of the supersentar supply for spring floads on the rivers of Arranda, Y. P. Shadide spore on the subdoof forcessing easily accessible to a fload on the rivers of Arranda, Y. P. Landide spore on the subdoof forcessing easily accessible to the Arranda Spring of the supply of the Arranda Spring o	
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3(7) authors:

Tsomaya, V. Sh., Kisin, I. M.

TITLE:

Retrogression of Glaciers in the Central and East Caucasus During the Last 90 - 100 Years (Ob otstupanii lednikov Tsentral'nogo i Vostochnogo Kavkaza za posledniye 90 - 100 let)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 5, pp 32 - 37 (USSR)

ABSTRACT:

The present glaciers of the Caucasus are in the regressive phase of their evolution. The character of retrogression is investigated here following the example of the tongues of the Kazbegi Glacier, the glacier of the Bogos Mountain Range, and the Bazar-dyuzi the glacier. Stationary and expeditionary investigations on glacio-Glacier. Stationary and expeditionary investigations on glaciology were carried out there from 1951 to 1958. Data for the time from 1860 up to date are put forward here. They show that since from 1860 up to date are put forward here. They show that since the last maximum ice formation in the Caucasus most glaciers have been retreating continuously. Total retrogression is have been retreating continuously. Total retrogression is amounting to 1065 and 220 m, respectively. Annual average retrogression is 4-7 m a year, the maximum 15 - 22 m a year. Retrogression is irregular. Two stages of retrogression can be distinguished: from 1860 - 1920 with 6 - 7 m/year, and from 1920 -

Card 1/2

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Retrogression of Glaciers in the Central and East Caucasus During the Last 90 - 100 Years

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1958 with 20 - 25 m/year. The Gergeti and the South-east Glaciers have high retrogression speeds (20-25 m/year). In 1954, the speed was even 34 m/year. An analysis of the data shows that at present the retrogression of glaciers is primarily caused by the melting of ice. Under present conditions, the thickness of ice and the degree of impurity by moraines on the surface of the glacier tongues are the main factors influencing the retrogression of glaciers. The thicker the ice and the higher the impurity of the tongues are, the smaller is the annual average speed of retrogression of glaciers. There are 3 figures, 4 tables and 13 Soviet references.

Card 2/2